

IN THE ABSTRACT:

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PHASE LOCKED LOOP FILTER

A phase locked loop filter comprising a first capacitor for connecting to a first charge pump path; and a parallel resistor/capacitor circuit for connecting to a second charge pump path with the resistor/capacitor circuit having a second capacitor; wherein the first capacitor and second capacitor are connected in series to allow a voltage associated with the first capacitor and a voltage associated with the parallel resistor/capacitor circuit to be added together.

(Figure-2)